

PATENT COOPERATION TREATY

PCT

INTERNATIONAL-TYPE SEARCH REPORT

(PCT Article 15.5)

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|--|-----------------------------------|---|
| National application No. 0303398-2 | Country or Office of filing SE | Applicant's or agent's file reference PU 0392-SE |
| Filing date (day/month/year) 12 December 2003 | | (Earliest) Priority Date (day/month/year) |
| Applicant AMERSHAM BIOSCIENCES AB | | |

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| Date of request for international-type search 12 December 2003 | International-type search request No. SE 03/01013 |
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This international-type search report has been prepared by this International Searching Authority and is transmitted to the applicant.

This international-type search report consists of a total of 3 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international-type search was carried out on the basis of the application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international-type search was carried out on the basis of a translation of the application furnished to this Authority.

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box No. II).

3. ☐ Unity of invention is lacking (See Box No. III).

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INTERNATIONAL-TYPE SEARCH REPORT

Search request No.

SE 03/01013

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B01D 15/08, G01N 33/68, G01N 30/86

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B01D, G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| X | US 6344172 B1 (NOUBAR AFEYAN ET AL), 5 February 2002 (05.02.2002), column 2, line 65 - column 3, line 10; column 9, line 43 - column 11, line 15; column 11, line 52 - line 61, column 12, line 32 - line 40; figure 3 -- | 1,2,5,6 |
| X | US 5605663 A (JUI Y. CHANG), 25 February 1997 (25.02.1997), column 14, line 30 - column 15, line 8, figure 1 -- | 1,2,5,6 |
| X | US 6020203 A (JAMES H. REXROAD, JR. ET AL), 1 February 2000 (01.02.2000), column 8, line 36 - line 45; column 8, line 52 - line 65; column 9, line 29 - line 31, figure 1 -- | 1,2,5,6 |

☒ Further documents are listed in the continuation of Box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international-type search
14 June 2004

Date of mailing of the international-type search report
2004 -06- 18

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INTERNATIONAL-TYPE SEARCH REPORT

Search request No.

SE 03/01013

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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| X | DATABASE WPI Week 198703 Derwent Publications Ltd., London, GB; Class J04, AN 1987-018623 & JP 61277055 A (SHIMADZU SEISAKUSHO KK) 08 December 1986 (1986-12-08) abstract -- | 1,2,5,6 |
| A | US 2002160521 A1 (CAN OZBAL ET AL), 31 October 2002 (31.10.2002), page 2, paragraph 21; page 4, paragraph 34 -- ----- | 1-8 |

INTERNATIONAL-TYPE SEARCH REPORT

Information on patent family members

30/04/2004

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